Shanmuga Industries Arts & Science College
T.V.Malai

APRIL/MAY 2025

23USSC33 — ENTERPRISE RESOURCE PLANNING (SEC IV)

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are the key components of an ERP system?
2. What are some common benefits of implementing an ERP system?
3. What is the role of a common shared enterprise database in an ERP system?
4. What distinguishes logical system integration from physical system integration?
5. What trends are influencing changes in the ERP market?
6. What are the main functional modules commonly found in ERP software?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. What factors contributed to the evolution of ERP from MRP (Material Requirements Planning) systems?
17. What role does ERP play in ensuring data consistency and integrity across integrated systems?
18. What challenges do organizations face when implementing ERP modules across different business functions?
19. What are the potential challenges and benefits of using SSAD during the ERP implementation process?
20. What are the critical success factors that significantly impact the successful implementation of ERP in organizations?

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7. How does the Software Development Life Cycle (SDLC) relate to ERP implementation?

8. What is the significance of Structured Systems Analysis and Design (SSAD) in ERP projects?

9. What are some key future trends for ERP systems?

10. How can organizations assess critical success factors for ERP implementation?

SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) What are the challenges organizations face when implementing ERP systems, and how can they be mitigated?

Or

(b) In what ways do customization and scalability impact the effectiveness of ERP implementations?

12. (a) How can organizations overcome the limitations of system integration to achieve their strategic goals?

Or

(b) What processes are involved in information mapping within an ERP framework?

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13. (a) How can organizations leverage marketplace dynamics to make informed ERP purchasing decisions?

Or

(b) What are the implications of moving ERP systems to the cloud for data security and accessibility?

14. (a) What common pitfalls do organizations encounter during ERP implementation, and how can they be avoided?

Or

(b) What key considerations should organizations keep in mind when selecting consultants for ERP implementation?

15. (a) How can organizations identify and mitigate potential failure factors during ERP implementation?

Or

(b) How can leadership drive the integration of ERP into organizational culture to foster acceptance and collaboration?